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# Air Pollution Regulations in State Implementation Plans: California, Calaveras County

Abcor, Inc, Wilmington, MA Walden Div

Prepared for

Environmental Protection Agency, Research Triangle Park, NC Control Programs Development Div

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This document has been produced in compliance with Section 110(h)(1) of the Clean Air Act amendments of 1977. The Federally enforceable regulations contained in the State Implementation Plans (SIPs) have been compiled for all 56 States and territories (with the exception of the Northern Mariana Islands). They consist of both the Federally approved State and/or local air quality regulations as indicated in the Federal Register and the Federally promulgated regulations for the State, as indicated in the Federal Register. Regulations which fall into one of the above categories as of January 1, 1978, have been incorporated. As mandated by Congress, this document will be updated annually. State and/or local air quality regulations which have not been Federally approved as of January 1, 1978, are not included here; omission of these regulations from this document in no way affects the ability of the respective Federal, State, or local agencies to enforce such regulations.

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Air

EPA

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## California

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## California

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by

Walden Division of Abcor, Inc.
Wilmington, Massachusetts

Contract No. 68-02-2890

EPA Project Officer: Bob Schell

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

August 1978

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Publication No. EPA-450/3-78-054-3

# INTRODUCTION

This document has been produced in compliance with Section 110(h)(1) of the Clean Air Act Amendments of 1977. The Federally enforceable regulations contained in the State Implementation Plans (SIPs) have been compiled for all 56 States and territories (with the exception of the Northern Mariana Islands). They consist of both the Federally approved State and/or local air quality regulations as indicated in the Federal Register and the Federally promulgated regulations for the State, as indicated in the Federal Register. Regulations which fall into one of the above categories as of January 1, 1978, have been incorporated. As mandated by Congress, this document will be updated annually. State and/or local air quality regulations which have not been Federally approved as of January 1, 1978, are not included here; omission of these regulations from this document in no way affects the ability of the respective Federal, State, or local agencies to enforce such regulations.

There have been recent changes in the Federal enforceability of parking management regulations and indirect source regulations. The October, 1977, appropriation bill for EPA prohibited Federal enforcement of parking management regulations in the absence of specific Federal authorizing legislation. Federally promulgated parking management regulations have, therefore, been suspended indefinitely. Pursuant to the 1977 Clean Air Act Amendments, indirect source regulations may not be required for the approval of a given SIP. Consequently, any State adopted indirect source regulations may be suspended or revoked; State adopted indirect source regulations contained in an applicable SIP are Federally enforceable. More importantly, EPA may only promulgate indirect source review regulations which are specific to Federally funded, operated, or owned facilities or projects. Therefore, the Federally promulgated indirect source regulations appearing in this document are not enforceable by EPA except as they relate to Federal facilities.

Since State air quality regulations vary widely in their organization, content, and language, a standardized subject index is utilized in this document. Index listings consist of both contaminant and activity oriented categories to facilitate usage. For example, for regulations which apply to copper smelters, one might look under sulfur compounds (50.2), particulate matter process weight (50.1.1), or copper smelters (51.15). Federal regulations pertaining to a given State immediately follow the approved State and local regulations.

Additionally, a summary sheet of the information included in each comprehensive document is presented prior to the regulatory text to allow one to quickly assess the contents of the document. Specifically, the summary sheets contain the date of submittal to EPA of each revision

to the SIP and the date of the Federal Register in which the revision was either approved or disapproved by EPA. Finally, a brief description or reference of the regulation which was submitted is also included.

This document is not intended to provide a tool for determining the enforceability of any given regulation. As stated above, it is intended to provide a comprehensive compilation of those regulations which are incorporated directly or by reference into Title 40, Part 52, of the Code of Federal Regulations. Consequently, the exclusion of a Federally approved regulation from this document does not diminish the enforceability of the regulation. Similarly, the inclusion of a given regulation (for example, regulations governing pollutants, such as odors, for which there is no national ambient air quality standards) in this document does not, in itself, render the regulation enforceable.

SUMMARY SHEET

OF

EPA-APPROVED REGULATION CHANGES

CALAVERAS COUNTY

| Submittal Date | Approval Date | Description |
|---|---|---|
| 6/30/72 | 9/22/72 | New set of Regs. submitted with numerous changes all approved. (Note: superceded by 5/11/77 F.R. Action except 105, 106, 110, 407(b), 408, 409, 409.1, 409.2, 412, 413) |
| 7/25/73 | 5/11/77 | Rules I, II, III, IV (Note: Rule 407(b), 412, 413, 209, disapproved, 407(b), 412, 413, 408 submitted on 6/30/72 still in effect). |
| 7/22/75 | 8/22/77 | New rules in effect; 102, 201-215, 301-323, 401-403, 405-408, 409, 601-604 and 700-717. (Note: Rules 201-213, 407(b), 408, 412 and 413 submitted on 6/30/72 are still in effect). |

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STATE AIR POLLUTION REGULATIONS

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## REGULATION I DEFINITIONS

(2.0) RULE 101 Title:

These rules and regulations shall be known as the Rules and Regulation of the Calaveras County Air Pollution Control District.

(1.0) RULE 102 Definitions:

Except as otherwise specifically provided in these Rules, and except where the context otherwise indicated, words used in these Rules are used in exactly the same sense as the same words are used in the Health & Safety Code of the State of California.

A. Air Pollution Control Officer. The Air Pollution Control Officer of the Air Pollution Control District of Calaveras County.

B. Agricultural Burning. Any open outdoor fire used in agricultural operations in the growing of crops or raising of fowls or animals, or in forest management or range-improvement; or used in the improvement of land for wildlife and game habitat.

C. Agricultural Operation. The growing and harvesting of crops, or raising of fowls or animals for the primary purpose of making a profit, or providing a livelihood, or the conduction of agricultural research or instruction by an educational institution.

D. Agricultural Wastes. Are (a), unwanted or unsellable materials produced wholly from agricultural operations and, (b), materials not produced from agricultural operations, but which are intimately related to the grower or harvesting of crops and which are used in the field, such as fertilizer and pesticide sacks or containers where the sacks or containers are emptied in the field. This does not include, however, such items as shop wastes, demolition materials, garbage, oil filters, tires, pallets, and the like.

E. Air Contaminant or Pollutant. Includes smoke, dust, charred papers, soot, grime, carbon, noxious acids, fumes, gases, odors, or particlate matter, or any combination thereof.

F. Alteration. Any addition to, enlargement of, replacement of or any major modification or change of the design, capacity, process, or arrangement, or any increase in the connected loading of equipment or control apparatus which will significantly increase of effect the kind or amount of air contaminants emitted.

G. Approved Ignition Devices. Means those instruments or materials that will ignite open fires without the production of black smoke by the ignition device. This would include such items as liquid petroleum gas (L.P.G.), butane, propane, or diesel oil burners; or flares; or other similar material as approved by the Air Pollution Control Officer. This does not include tires, tar, tar paper, oil and other similar materials.

H. A.R.B. The State Air Resources Board, or any person authorized to act on its behalf.

I. Atmosphere. The air that envelops or surrounds the earth. Where air pollutants are emitted into a building not designed specifically as a piece of air pollution control equipment, such emissions into the building shall be considered to be an emission into the atmosphere.

J. Board. The Calaveras County Air Pollution Control Board.

K. Brush Treated. The material has been felled, crushed or up-rooted with mechanical equipment, or has been desicated with herbicides.

L. Combustible or Flammable Waste. Means any garbage, rubbish, trash, rags, paper, boxes, crates, excelsior, ashes, offal, carcass of a dead animal, petroleum product waste or any other combustible or flammable refuse material.

M. Combustion Contaminant. Any particulate matter discharged into the atmosphere from the burning of any material which contains carbon in either the free or the combined state.

N. Condensed Fumes. Particulate matter generated by the condensation of vapors evolved after voltilination from the molten or liquid state, or generated by sublimation, distillation, calcination or chemical reation, when these processes create airborne particles.

O. Designated Agency. Any agency designated by the ARB and Calaveras County Air Pollution Control District as having authority to issue Argicultural Burn Permits.

P. District. Is the Air Pollution Control District of Calaveras County.

Q. Dust. Minute solid particles released into the air by natural forces or by mechanical processes such as crushing, grinding, milling, drilling, demolishing, shoveling, conveying, covering, bagging, sweeping, or other similar processes.

R. Emission. The act or releasing or discharging air contaminants into the ambient air from any sources.

S. Emission Data. Are measured or calculated concentrations or weights of air contaminants, used or capable of being used for the purpose of giving protection from frost damange.

HH. Owner or Operator. Means any person who owns, leases, operates, controls or supervises an affected facility, or a stationary source of which an affected facility is a part.

II. Particulate Matter. Is any material except uncombined water, which exists in a finely divided form as a liquid or solid at standard conditions.

JJ. Permissive Burn Day. Means any day on which agricultural burning is not prohibited by the A.R.B.

KK. Person. Any person, firm, association, organization, partnership, business trust, corporation, company, contractor, supplier, installer, operator, user or owner, any government agency or public district or any officer or employee thereof.

LL. PPM. Parts per million by volume expressed on a dried gas basis.

MM. Process Weight Per Hour. The total weight, including contained moisture, of all materials introduced into any specific process, which process may cause any discharge into the atmosphere. Solid fuels charged will be considered as part of the process weight, but liquid and gaseous fuels and combustion air will not. (The Process Weight Per Hour will be derived by dividing the total Process Weight by the number of hours in one complete operation from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle).

NN. Public Record. Means any record made available to the public by law containing information relating to the conduct of the public's business that is prepared, owned, used or retained by the District, except "trade secrets" as defined in RULE 409 C, Regulation IV.

OO. Range Improvement Burning. Means the use of open fires to remove vegetation for a wildlife, game of livestock habitat or for the initial establishment of an agricultural practice on previously uncultivated land.

PP. Record. Means handwriting, typewriting, printing, photostating, photographing, and every other means of recording upon any form of communication or representation, including letters, words, pictures, sounds, or symbols, or any combination thereof, and all papers, maps

magnetic or paper tapes, photographic films and prints, magnetic or punched cards, drums, and other documents.

QQ. Residential Rubbish. Rubbish originating from a single or two family dwelling on it's premises, limited to the following material: wood, paper, cloth, cardboard, tree trimmings, leaves, lawn clipings and dry plants.

RR. Source Operation. The last operation preceding the emission of an air contaminant, which operation (a) results in the separation of the air contaminants from the process materials or in the conversion of the process materials into air contaminants, as in the case of combustion of fuel; and (b) is not an air pollution abatement operation.

SS. Section. Refers to a section of the Health and Safety Code of the State of California unless some other statute is specifically mentioned.

TT. Silvicultural Practices. Means the establishment, development, care and reproduction of stands of timber.

UU. Solid Waste Dump. Means any accumulation for the purpose of disposal of any solid waste.

VV. Standard Conditions. As used in these regulations, "Standard Conditions" are a gas temperature of 60 degrees Fahrenheit and a gas pressure of 14.7 pounds per square inch absolute. Results of all analyses and tests shall be calculated and reported at this gas temperature and pressure.

WW. Standard Cubic Foot of Gas. The amount of gas that would occupy a volume of one (1) cubic foot, if free of water vapor, at standard conditions.

XX. Timber Operations. Means cutting or removal of timber or other forest vegetation.

YY. Total Reduced Sulfur (TRS). Total reduced sulfur contained in hydrogen sulfide, mercaptans, dimethyl sulfide, dimethyl disulfide or other organic sulfide compounds, all expressed as hydrogen sulfide. Sulfur dioxide, sulfur trioxide, or sulfuric acid are not to be included in the determination of TRS.

## REGULATION II PROHIBITIONS

(2.0) RULE 201 District-Wide Coverage.

Prohibitions, as set forth in this Regulation shall apply in all portions of the Calaveras County Air Pollution Control District unless otherwise stated.

(50.1.2) RULE 202 Visible Emissions.

A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three (3) minutes in any one (1) hour which is:

A. As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United State Bureau of Mines, or

B. Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (1) of this section.

(2.0) RULE 203 Exceptions.

The provisions of RULE 202 do not apply to:

A. Smoke from fires set or permitted by any public fire officer, if such fire is set by or permission given in the performance of the official duty of such officer, and such fire in the opinion of such officer is necessary:

1. for the purpose of the prevention of a fire hazard (or health hazard as determined by the Health Officer), which cannot be abated by any other means; or

2. the instruction of public employees and/or volunteer firemen in the methods of fighting fires.

B. Smoke from fires set pursuant to permit on property used for industrial purposes for the purpose of instruction of employees in methods of fighting fires.

C. Open outdoor fires used for recreational purposes or for cooking of food for human consumption.

D. The use of an experimental device, system or method to study or research open burning authorized by Chapter 10 of Division 26 of the California Health and Safety Code and these Rules and Regulations.

E. Agricultural Operations. In the growing of crops or raising of fowl or animals.

F. Use of any aircraft to distribute seed, fertilizer, insecticides, or other agriculture aids over lands devoted to the growing of crops, or the raising of fowl or animals.

G. The use of other equipment in agriculture operation in the growing of crops, or the raising of fowl or animals.

H. Orchard or citrus grove heaters that are on the approved list published by the State Air Resources Board. (Section 39298.7)

I. The governing board of the district may by rule provide for the issuance by the Air Pollution Control Officer of permits for open burning. The provisions of RULE 202 do not apply to smoke from fires set pursuant to such permit. (Health and Safety Code Section 24245.1)

J. Smoke of fumes which result from acts of God.

(50.1.2) RULE 204 Wet Plumes.

Where the presence of uncombined water is the only reason for the failure of an emission to meet the limitation of RULE 202, that rule shall not apply. The burden of proof which establishes the application of this rule shall be upon the person seeking to come within its provisions.

(50.6) RULE 205 Nuisance.

A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such persons or the public or which cause to have a natural tendency to cause injury or damage to business or property.

Exception: The provisions of RULE 205 do not apply to odors emanating from agriculture operations in the growing of crops or raising of fowl or animals.

(51.9) RULE 206 Incinerator Burning.

Except for the burning of residential rubbish, as defined in RULE 102 QQ., a person shall not burn any combustible or flammable waste in any incinerator within the boundaries of the Calaveras County Air Pollution Control District except in a multiple-chamber incinerator as defined in

RULE 103 CC., or in equipment found by the Air Pollution Control Officer to be equally effective for the purpose of air pollution control.

(50.1) RULE 207 Particulate Matter.

A person shall not release or discharge into the atmosphere from any source or single processing unit whatsoever, dust, fumes, or particulate matter emissions in excess of 0.1 grains per cubic foot of gas at standard conditions.

(51.1) RULE 208 Orchard or Citrus Heaters.

A. Section 39298.7 et. seq., Article 4, Chapter 10, Part 1, Division 26 of the California Health and Safety Code is by reference a part of these Rules and Regulations. (Revised 1970)

B. All orchard heaters shall be maintained in reasonably clean condition, good repair and working order. Whenever orchard heaters are burning they must be adequately attended and supervised to maintain the condition, adjustment and proper operation of the orchard heaters.

C. It shall be unlawful for any person, for the purpose of frost protection to burn any rubber, rubber tires, or other substance containing rubber, or to burn oil or other combustible substances in drums, pails, or other containers except orchard heaters.

(50.2) RULE 210 Sulfur Emissions.

A person shall not discharge into the atmosphere from any single source of emission whatsoever, any one or more of the contaminants, in any sulfur combination thereof, exceeding in concentration at the point of discharge:

A. Sulfur compounds calculated as sulfur dioxide ($SO_2$) 0.2 percent, by volume.

B. Total reduced sulfur: Pending further investigation into a rule which will be applicable to the Mountain Counties Air Basin.

(50.1.1) RULE 211 Process Weight Per Hour.

A person shall not discharge into the atmosphere from any source operation particulate matter in excess of that allowed on the table in RULE 212.

(50.1.1) RULE 212 Process Weight Table.

ALLOWABLE RATE OF EMISSION BASED ON PROCESS WEIGHT RATE

| Process Weight Rate Lbs./Hr. | Emission Rate Lbs./Hr. |
|---|---|
| 50 | .4 |
| 100 | .6 |
| 500 | 1.5 |
| 1,000 | 2.3 |
| 5,000 | 6.3 |
| 10,000 | 9.7 |
| 20,000 | 15.0 |
| 60,000 | 29.6 |
| 80,000 | 31.2 |
| 120,000 | 33.3 |
| 160,000 | 34.9 |
| 200,000 | 36.2 |
| 400,000 | 40.4 |
| 1,000,000 | 46.8 |

Interpolation of the data for the process weight rates up to 60,000 lbs./hr. shall be accomplished by the use of equation:

$E=3.59\ p0.62$ $P \leq 30$ tons/hr.

and interpolation of extrapolation of the data for process weight rates in excess of 60,000 lbs./hr. shall be accomplished by use of the equation:

$E=17.31\ p0.16$ $P \geq 30$ tons/hr.

Where: E= Emissions in pound per hour.
P= Process weight rate in tons per hour.

(51.16) RULE 213 Storage of Petroleum Products.

A. The following section of the State of California Health and Safety Code, and any future amendments thereto, are part of these Rules and Regulations by reference: Section 39068.2 et seq., Article 2, Chapter 3, Part 1, Division 26. (Amended 1971)

B. A person shall not place, store or hold in any stationary tank, reservoir or other container of more than 40,000 gallons capacity, any gasoline or any petroleum distillate having a vapor pressure of 1.5 pounds per square inch absolute or greater under actual storage conditions, unless such tank, reservoir or other container is a pressure tank maintaining working pressures sufficient at all times to prevent hydrocarbon vapor or gas loss to the atmosphere, or is designed and equipped with equipment described in Section 39068.4 or Section 39068.5 or other equipment of equal efficiency, provided such equipment is approved by the Air Pollution Control Officer.

(51.21) RULE 214 Reduction of Animal Matter.

A person shall not operate or use any article, machine, equipment or other contrivance for the reduction of animal matter unless all gases, vapors and gas-entrained effluents from such an article, machine, equipment or other contrivance are:

A. Incinerated at temperatures of not less than 1,200 degrees Fahrenheit for a period of not less than 0.3 seconds, or

B. Processed in such a manner determined by the Air Pollution Control Officer to be equally, or more, effective for the purpose of air pollution control than (A) above.

A person incinerating or processing gases, vapors, or gas-entrained effluents pursuant to the Rule shall provide, properly install and maintain in calibration, in good working order and in operation devices as specified in the Authority to Construct or Permit to Operate or as specified by the Air Pollution Control Officer, for indicating temperature, pressure or other operating conditions.

For the purpose of the Rule "reduction" is defined as any heated process, including rendering, cooking, drying, dehydration, digesting, evaporating and protein concentrating.

The provisions of the Rule shall not apply to any article, machine, equipment or other contrivance used exclusively for the processing of food for human consumption.

(15.0) RULE 215 Enforcement.

The following Section of the State of California Health and Safety Code, and any future amendments thereto, are part of these Rules and Regulations by reference: Section 24246, Article 3, Chapter 2, Division 20 (Amended 1957)

(51.13) RULE 301 Open Outdoor Fires.

No person shall use open fires for the purpose of disposal of petroleum wastes, demolition debris, tires, tar, trees, wood waste or other combustible or flammable solid or liquid waste; or for metal salvage or burning of automobile bodies.

(2.0) RULE 302 Exceptions to Rule 301.

A. Except as otherwise provided in Rule 321, nothing in these Rules and Regulations shall be construed as limiting the authority granted under other provisions of law:

1. To any public fire officer to set or permit a fire when such fire is, in his opinion, necessary for any of the following purposes:

a. For the purpose of the prevention of a fire hazard which cannot be abated by any other means, or;

b. The instruction of public employees and/or volunteer firemen, in the methods of fighting fire;

c. Set pursuant to permit on property used for industrial purposes for the purpose of instruction of employees in methods of fighting fires.

2. To set or cause to be set backfires necessary to save life or valuable property pursuant to Section 4426 of the Public Resources Code.

B. Except as otherwise provided in Rules 316, 317, and 318, nothing in these Rules and Regulations shall be construed as limiting the use of open fires for agricultural burning, as defined in Rule 102 B.

C. Open fires for the disposal of unsellable wood waste from property being developed for commercial or residential purposes. (See Rule 319).

D. Open fires for right-of-way clearing by a public entity or utility or for levee, ditch and reservoir maintenance. (See Rule 320)

E. Open fires for the burning of Residential Rubbish as defined in Rule 102 QQ.

F. Open fires for recreational purposes, such as the cooking of food for human consumption.

G. Open fires as authorized by A.R.B. for the operation of a solid waste dump under an extension. (See Section 39297.4)

(51.13) RULE 303 Burning Permits.

A. No person shall knowingly set or permit open outdoor fires for:

1. Agricultural burning or hazard reduction burning unless that person has been issued a valid permit from a designated agency.

2. Levee, ditch, right-of-way or reservoir maintenance burning or the burning of wood waste on property where grown unless the person has been issued a valid permit from the Air Pollution Control Officer.

B. A permit shall not be issued to an applicant unless information is provided as required by the Calaveras County Air Pollution Control District, such as:

1. Name and address of the permittee.

2. Location of the proposed burn.

3. Acreage or estimated tonnage of material to be burned.

4. The type of material to be burned.

5. Under what category burning will take place, i.e., agricultural, forest management, range improvement, wood waste on property where grown, or hazard reduction.

6. Distance to nearest residential area (in miles).

7. Reason for burning.

8. The permittee shall read the permit and sign same.

C. Each permit issued shall bear a statement of warning containing the following words or words of like or similar import: "THIS PERMIT IS VALID ONLY FOR THOSE DAYS ON WHICH THE STATE AIR RESOURCES BOARD DOES NOT PROHIBIT AGRICULTURAL BURNING PURSUANT TO SECTION 39298 OF THE HEALTH AND SAFETY CODE".

D. A permit shall not be issued to an applicant unless information is provided as required by the designated fire protection agency for fire protection purposes.

(2.0) RULE 304 Exception to Rule 303.

A. Agricultural burning in areas above 6,000 feet (msl) may be exempted.

(3.0) RULE 305 Permit Validity.

No permit shall be construed to authorize open outdoor fires for any day during which:

A. Agricultural burning is prohibited by the A.R.B.

B. Open burning is prohibited by public fire control agencies for fire control or prevention.

(51.13) RULE 306 No-Burn Days.

No person shall knowingly permit agricultural burning, or burning of wood waste on property where grown or hazard reduction burning, or right-of-way clearing and levee, ditch and reservoir maintenance burning, on days when such burning is prohibited by the A.R.B.

(2.0) RULE 307 Exceptions to Rule 306.

A. The Air Pollution Control Officer may, by special permit, authorize:

1. Agricultural burning on days designated by the A.R.B. as "no-burn days" if the denial of such permit would threaten imminent and substantial economic loss. The granting of an exception does not exempt the applicant from any other district or fire control regulation. The applicant shall submit in writing his reasons for the exception. The Calaveras County Air Pollution Control Officer may seek the advice of the County Agricultural Commissioner, the County Farm Advisory, or other informed sources.

2. The burning of empty sacks or containers which contained pesticides or other toxic materials on the premises where used.

B. Range improvement burning during the period between January 1 and May 31, providing that more than 50 percent of the land has been brush-treated.

Agricultural burning in areas above 6,000 feet (msl) may be exempted.

Upon special request from a permittee through a designated agency seven (7) days in advance of a specific range improvement burn below 6,000 feet (msl) or of a specific forest management burn at

elevations between 3,000 to 6,000 feet (msl), the A.R.B. will issue an advisory outlook 72 hours in advance of the proposed burn, and a burn or no-burn notice up to 48 hours prior to the date of the proposed burn. The A.R.B. may cancel any notice issued more than twenty-four (24) hours in advance if necessary to maintain suitable air quality.

(51.13) RULE 308 Burning Reports.

A. The name, location, type and amount of waste material burned daily must be reported to the designated agency within 30 days following completion of the burn.

B. The designated agency shall forward above information to the Calaveras County Air Pollution Control Officer monthly.

(51.13) RULE 309 Amount Burned Daily.

Agricultural waste and other material shall be arranged so that it will burn with a minimum amount of smoke, and except for large trees, only that amount that can reasonably be expected to completely burn within the following twenty-four (24) hours shall be ignited in any one day.

(51.13) RULE 310 Approved Ignition Devices.

All open fires as authorized by this regulation shall be ignited only with approved ignition devices as defined in Rule 102 G and the material to be burned should be ignited as rapidly as practicable within applicable fire control restrictions.

(51.13) RULE 311 Restricted Burning Days.

The Air Pollution Control Officer shall notify the designated agencies that a condition of restricted burning exists, if in his opinion the amounts being burned each day are creating significant degradation of the air quality. On days of restricted burning, the designated agencies shall restrict the acreage or tonnage of material to be burned under permit to the acreage or tonnage allocated to the designated agencies by the Air Pollution Control Officer. The Air Pollution Control Officer shall prorate the amounts to be burned to each agency based on the estimated number of acres or tonnage in the geographic area covered by the agency.

(51.13) RULE 312 Wind Direction.

Burning shall be curtailed when smoke is drifting into a nearby populated area or creating a public nuisance.

(51.13) RULE 313 Minimum Drying Times.

To lower the moisture content of the material being burned, the elapsed time between cutting and burning shall be:

A. A minimum of three (3) days for straw and stubble.

B. Sufficient time for other agricultural waste such as orchard prunings, small branches, vegetable tops and seed screenings to assure rapid and complete combustion with a minimum of smoke.

C. A minimum of six (6) weeks for trees, stumps, and large branches greater than six (6) inches in diameter.

(2.0) RULE 314 Exception to Rule 313.

The Air Pollution Control Officer may, by permit, authorize agricultural burning in shorter times if the denial of such permit would threaten imminent and substantial economic loss.

(51.13) RULE 315 Preparation of Material to be Burned.

A. No material shall be burned unless it is free of tires, rubbish, tar paper, construction debris, also reasonably free of dirt, soil and visible surface moisture.

B. Material stacked for burning shall not be burned unless it is loosely stacked in such a manner as to promote drying and insures combustion with a minimum amount of smoke.

(51.13) RULE 316 Burning of Agricultural Waste.

Rule 301 through Rule 315, inclusive, shall apply to the open burning of all agriculture waste.

(51.13) RULE 317 Range Improvement Burning.

A. Rule 301 through 315, inclusive, and the following sections of this rule shall apply to Range Improvement Burning.

B. Brush shall be treated (see Rule 102 B) at least six (6) months prior to the burn if economically and technically feasible.

C. Unwanted trees over six (6) inches in diameter shall be felled and dried prior to the burn.

D. Material should be windrowed or piled if economically and technically feasible.

E. If the burn is to be accomplished primarily for improvement of land for wild life and game habitat, the permit applicant shall obtain a written statement from the State Department of Fish and Game, certifying that the burn is desirable and proper.

(51.13) RULE 318 Forest Management Burning.

A. Rule 301 through 315, and the following sections of this rule, with the exception of Rule 313, shall apply to Forest Management Burning.

B. Waste material should be windrowed or piled where possible, unless good silvicultural practice (see Rule 102 TT) dictates otherwise.

C. Drying time shall be specified by the designated agency.

(51.13) RULE 319 Open Burning of Wood Waste on Property Where Grown.

(Expires January 1, 1977). This rule authorized the use of open outdoor fires for the disposal of unsellable wood waste from property being developed for commercial or residential purposes under the following conditions:

A. Rule 301 through Rule 315, inclusive, and the following section of this rule shall apply to open burning of wood waste on property where grown.

B. Unwanted trees over six (6) inches in diameter are to be felled and dried prior to the burn.

C. Wood waste should be windrowed if economically and technically feasible.

D. Wood waste which is burned under this rule shall be limited to that grown on the property and free of other material.

E. This burning shall be conducted only on permissive burn days.

F. The Air Pollution Control Officer or staff shall review and sign all permits prior to the burning.

G. The Air Pollution Control Board of the district finds it more desirable to burn than dispose of by other available means.

H. Brush will be treated six months prior to burn if economically or technically feasible.

(51.13) RULE 320 Right-of-Way Clearing and Levee, Ditch and Reservoir Maintenance Burning.

A. Rule 301 through Rule 315, inclusive, shall apply to the use of fires for right-of-way clearing by a public entity or utility or for levee, ditch or reservoir maintenance.

B. This burning shall be conducted only on permissive burn days.

(51.13) RULE 321 Hazard Reduction Burning.

A. For purposes of this rule, "Hazard Reduction Burning" is burning authorized pursuant to Rule 302 A. 1 (a).

B. Except as provided in Paragraph C. the following conditions shall apply to all open outdoor burning for purposes of hazard reduction:

1. Rule 301 through Rule 315, inclusive, shall apply to Hazard Reduction Burning.

2. Unwanted trees over six (6) inches in diameter shall be felled and dried prior to the burn.

C. If the fire officer with jurisdiction determines that a condition exists in which a fire hazard or health hazard, as determined by the Health Officer, will have an imminent affect on life and property he may waive the requirement of Paragraph B of this Rule, provided a written report of such burning shall be forwarded to the Air Pollution Control Officer stating the nature of the imminent threat to life and/or property which warranted such burning and such other information as the Air Pollution Control Officer may reasonably require.

(15.0) RULE 322 Enforcement Responsibility.

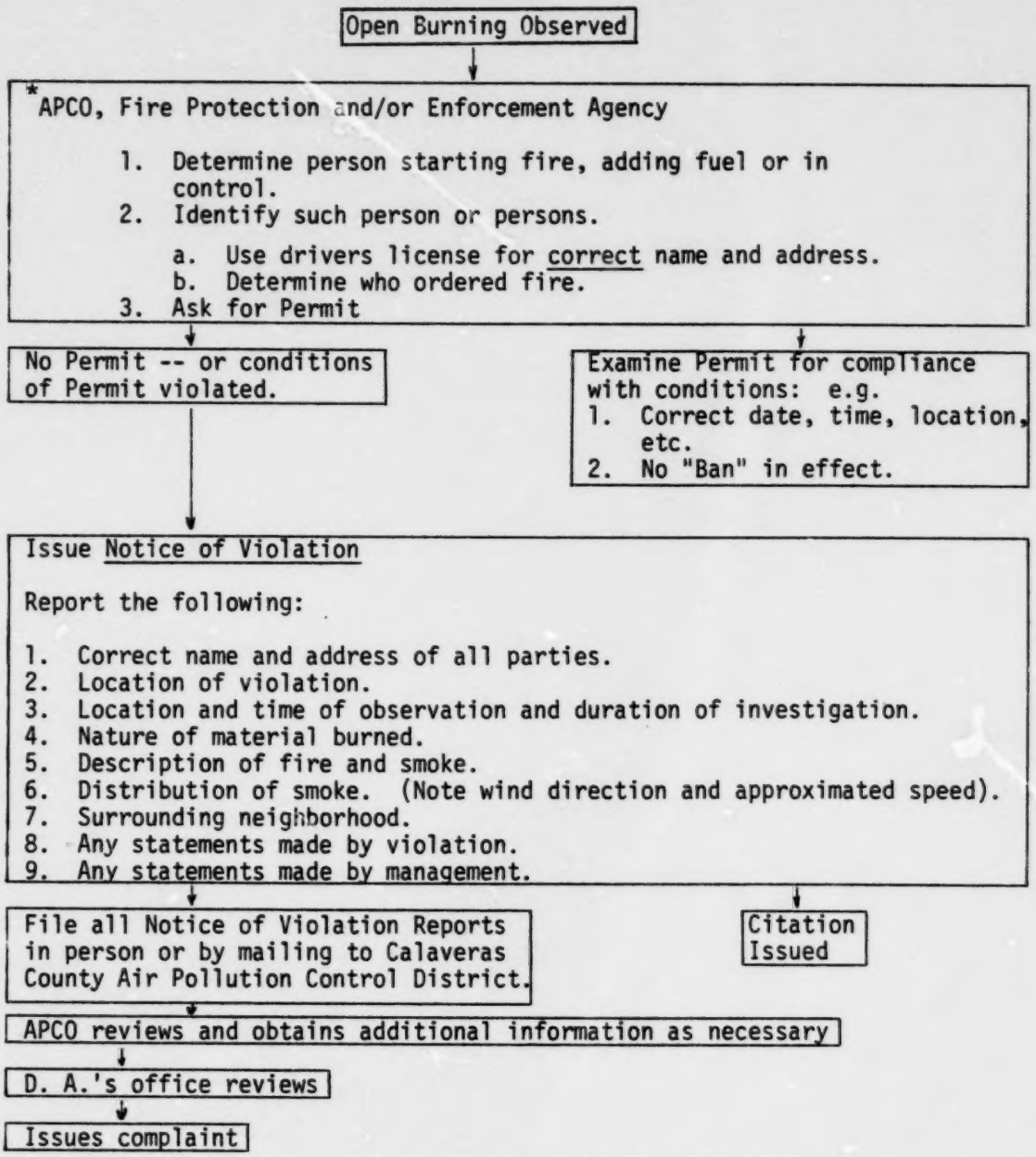
The Air Pollution Control Officer or his staff will be in the field to ensure that these Rules and Regulations are complied with and shall enforce all State and Calaveras County Air Pollution Control District regulations regarding air pollution control. See Enforcement Flow Chart on next page.

(15.0) RULE 323 Penalty.

A violation of the provisions of this regulation or of Section 39296.1 or 39299 is a misdemeanor punishable by imprisonment in the County Jail not exceeding six (6) months or by fine not exceeding five hundred dollars, ($500.00), or both, and the cost of putting out the fire. Every day during any portion of which such violation occurs constitutes a separate offense.

## ENFORCEMENT FLOW CHART

### FOR OPEN BURNING


Open Burning Observed
*APCO, Fire Protection and/or Enforcement Agency
1. Determine person starting fire, adding fuel or in control.
2. Identify such person or persons.
a. Use drivers license for correct name and address.
b. Determine who ordered fire.
3. Ask for Permit
No Permit -- or conditions of Permit violated.
Examine Permit for compliance with conditions: e.g.
1. Correct date, time, location, etc.
2. No "Ban" in effect.
Issue Notice of Violation
Report the following:
1. Correct name and address of all parties.
2. Location of violation.
3. Location and time of observation and duration of investigation.
4. Nature of material burned.
5. Description of fire and smoke.
6. Distribution of smoke. (Note wind direction and approximated speed).
7. Surrounding neighborhood.
8. Any statements made by violation.
9. Any statements made by management.
File all Notice of Violation Reports in person or by mailing to Calaveras County Air Pollution Control District.
Citation Issued
APCO reviews and obtains additional information as necessary
D. A.'s office reviews
Issues complaint

*APCO-Air Pollution Control Officer

## REGULATION IV PERMIT SYSTEMS CONDITIONS

(2.0) RULE 401 Responsibility.

The fact that an authorization to construct or modify, or a permit to operate an article, machine, equipment or other contrivance described therein shall have been issued by the Air Pollution Control Officer shall not be an endorsement of such article, machine, or other contrivance neither shall it be deemed or construed to be a warranty, guarantee or representation on the part of the Air Pollution Control Officer that emission standards would not exceed by such article, machine, equipment or other contrivance. In every instance the person, firm or corporation to whom such authorization or permit is issued shall be and remain responsible under these regulations for each and every instance wherein emission standards are exceeded by the article, machine, equipment or other contrivance described in the permit, and the fact of issuance or authorization shall not be a defense to or mitigation of any charge of violation.

(9.0) RULE 402 Authority to Inspect.

A. In the performance of his duties the Air Pollution Control Officer and his duly authorized agents shall have, as a condition of an authority to construct or a permit to operate, the right to access of the property for reasons of Air Pollution Control District inspections.

B. The Air Pollution Control Officer may issue identification cards, with the photograph of holder and signature of the Air Pollution Control Officer, to such employees of the District who need such credentials for entry.

(3.0) RULE 403 Responsibility of Permittee.

Issuance of a permit pursuant to these Rules and Regulations does not release permittee of the responsibility of any and all other applicable permits and authorizations issued by other governmental agencies.

(2.0) RULE 405 Separation of Emissions.

If air contaminants from a single source operation are emitted through two or more emission points, the total emitted quantity of air contaminants cannot exceed the quantity which would be allowable through a single emission point.

The total emitted quantity of any such air contaminant shall be taken as the product of the highest concentration measured in any of the

The information recorded shall be summarized and reported to the District, on forms or formats as furnished by the District, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1 - December 31, except that the initial reporting period shall commence on the date the District issues notification of the record-keeping requirements.

Information reported by the owner or operator and copies of the summarizing reports submitted to the District shall be retained by the owner or operator for two years after the date on which the pertinent report is submitted.

(14.0) RULE 409 Public Records.

A. All information, analysis, plans or specifications that disclose the nature, extent, quantity, or degree of air contaminants or other pollution which any article, machine, equipment, or other contrivance will produce which the District requires any applicant to provide before such applicant builds, erects, alters, replaces, operates, sells, rents, or uses such article, machine, equipment, or other contrivance, are public records.

B. All air or other pollution monitoring data, including data compiled from stationary sources, are public records.

C. Except as otherwise provided in D., trade secrets are not public records under this Regulation. Trade secrets, as used in this Regulation may include, but are not limited to any formula, plan, pattern, process, tool, mechanism, compounds, procedure, production data, or compilation of information which is not patented, which is known only to certain individuals within a commercial concern who are using it to fabricate, produce, or compound an article of trade or a service having commercial value and which gives it's user an opportunity to obtain a business advantage over competitors who do not know or use it. The owner or operator shall state in writing his justification for claiming material is a trade secret. The Air Pollution Control Officer shall rule on the validity of trade secrecy claims.

D. Notwithstanding any other provisions of the law, all air pollution emission data, including these emission data which constitute trade secrets as defined in C., are public records. Data used to calculate emission data are not emission data for purposes of this subdivision and data which constitute trade secrets and which are used to calculate emission data are not public records.

## REGULATION VI FEES

(2.0) RULE 601 Analysis Fees.

Whenever the Air Pollution Control Officer finds that an analysis of the emission from any source is necessary to determine the extent and amount of pollutants being discharged into the atmosphere which cannot be determined by visual observation, he may order the collection of samples and the analysis made by qualified personnel as determined by the Air Pollution Control Officer. The time required for collecting samples, making the analysis, and preparing the necessary reports, but excluding time required in going to and from such premises shall be charged against the owner or operator of said premises in a reasonable sum to be determined by the Air Pollution Control Officer, which said sum is not to exceed the actual cost of such work.

(13.0) RULE 602 Technical Reports - Charges For.

Information, circulars, reports to technical work, and other reports prepared by the Air Pollution Control District when supplied to other governmental agencies or individuals or groups requesting copies of the same may be charged for by the district in a sum of not to exceed the cost of preparation and distribution of such documents. All such monies collected shall be turned into the general funds of the said district.

(16.0) RULE 603 Hearing Board Fees.

A. Every applicant or petitioner for a variance, or for the extension, revocation or modification of a variance, or for an appeal from a denial or conditional approval of an authority to construct, permit to operate or permit to sell or rent, except any state or local governmental agency or public district, shall pay the clerk of the Hearing Board, on filing, a fee in the sum of thirty dollars ($30.00).

B. Any person requesting a transcript of the hearing shall pay the cost of such transcript.

C. This Rule shall not apply to petitions filed by the Air Pollution Control Officer.

(3.0) RULE 604 Permit Fee Schedules.

It is hereby determined that the cost of issuing permits, and of inspections pertaining to such issuance exceeds the fees prescribed herein. In determining the fees to be charged, the applicable equipment within each process that requires a permit will be totalled for each schedule. In the event that more than one fee schedule is applicable to a permit to operate, the governing schedule shall be that which results in the higher fee.

SCHEDULE 1

ELECTRIC MOTOR HORSEPOWER SCHEDULE

Any equipment which may cause the emission of air contaminants where an electric motor is used as the power supply shall be assessed a permit fee based on the total rated motorhorsepower of all electric motors included in any article, machine, equipment or other contrivance, in accordance with the following schedule.

| Horsepower | Fee |
|---|---|
| Up to and Including 25 | $ 15.00 |
| Greater Than 25 but Less Than 50 | 25.00 |
| Greater Than 50 but Less Than 100 | 50.00 |
| Greater Than 100 but Less Than 200 | 75.00 |
| Greater Than 200 but Less Than 400 | 100.00 |
| Greater Than 400 but Less Than 800 | 150.00 |
| Greater Than 800 but Less Than 1,600 | 200.00 |
| 1,600 or Greater | 250.00 |

SCHEDULE 2

FUEL BURNING EQUIPMENT SCHEDULE

Any equipment which may cause the emission of air contaminants in which fuel is burned, with the exception of incinerators which are covered in Schedule 4, shall be assessed a permit fee based upon the design of the equipment expressed in British Thermal Units (BTU) per hour in accordance with the following schedule:

| 1,000 BTU Per Hour | Fee |
|---|---|
| Up to and Including 150 | $ 15.00 |
| Greater Than 150 but Less Than 400 | 25.00 |
| Greater Than 400 but Less Than 650 | 50.00 |
| Greater Than 650 but Less Than 1,500 | 75.00 |
| Greater Than 1,500 but Less Than 2,500 | 100.00 |
| Greater Than 2,500 but Less Than 5,000 | 150.00 |
| Greater Than 5,000 but Less Than 15,000 | 200.00 |
| 15,000 or Greater | 250.00 |

SCHEDULE 3

ELECTRICAL ENERGY SCHEDULE

Any equipment which may cause the emission of air contaminants which uses electrical energy, with the exception of electric motors covered in Schedule 1, shall be assessed a permit fee based on the total kilovolt ampere (KVA) ratings, in accordance with the following schedule:

| Kilovolt Amperes | Fee |
|---|---|
| Up to and Including 45 | $ 15.00 |
| Greater Than 45 but Less Than 145 | 30.00 |
| 145 or Greater but Less Than 450 | 45.00 |
| 450 or Greater but Less Than 1,450 | 60.00 |
| 1,450 or Greater but Less Than 4,500 | 90.00 |
| 4,500 or Greater but Less Than 14,500 | 150.00 |
| 14,500 or Greater | 250.00 |

SCHEDULE 4

INCINERATOR SCHEDULE

Any equipment designed and used primarily to dispose of combustible refuse by wholly consuming the material charged leaving only the ashes or residue shall be assessed a permit fee based on the following schedule of the maximum horizontal inside cross sectional area, in square feet, of the primary combustion chamber:

| Area, in Square Feet | Fee |
|---|---|
| Up to and Including 3 | $ 7.50 |
| Greater Than 3 but Less Than 6 | 11.50 |
| 6 or Greater but Less Than 9 | 18.75 |
| 9 or Greater but Less Than 16 | 30.00 |
| 10 or Greater but Less Than 27 | 37.50 |
| 27 or Greater but Less Than 47 | 56.25 |
| 47 or Greater but Less Than 90 | 75.00 |
| 90 or Greater | 112.00 |

## SCHEDULE 5

## STATIONARY CONTAINER SCHEDULE

Any stationary tank, reservoir, or other container, the contents which may emit an air contaminant shall be assessed a permit fee based on the following schedule of capacities in gallons or cubic equivalent, in accordance with the following schedule:

| Gallons | Fee |
|---|---|
| Up to and Including 5,000 | $ 15.00 |
| 5,001 - 20,000 | 20.00 |
| 20,001 - 50,000 | 25.00 |
| 50,001 - 100,000 | 35.00 |
| 100,001 - 500,000 | 50.00 |
| 500,001 - 1,000,000 | 65.00 |
| 1,000,001 - Up | 80.00 |

## SCHEDULE 6

## MISCELLANEOUS SCHEDULE

Any article, machine, equipment or other contrivance which may cause the issuance of air contaminants as defined in Rule 102 of the rules and regulations, which is not included in the preceding schedules shall be assessed a permit fee of $20.00.

## REGULATION VII PROCEDURE BEFORE THE HEARING BOARD

(2.0) RULE 700 Applicable Articles of the Health and Safety Code.

The provisions of Article 5 and Article 6, Chapter 2, Division 20, of the State of California Health and Safety Code, respectively entitled Variances and Procedure, are applicable within the boundaries of the Calaveras County Air Pollution Control District.

(2.0) RULE 701 General.

This regulation shall apply to all hearings before the Hearing Board of the Air Pollution Control District.

(2.0) RULE 702 Filing Petitions.

Requests for hearing shall be initiated by the filing of a petition, in triplicate with the Clerk of the Hearing Board, and the payment of the fee as provided for in Rule 603 of these Rules and Regulations, after service of a copy of the petition has been made on the Air Pollution Control Officer and one copy on the holder of the permit or variance, if any, involved. Service may be made in person or by mail, and service may be proved by written acknowledgement of the person served or by the affidavit of the person making the service.

(2.0) RULE 703 Contents of Petitions. Every petition shall state:

A. The name, address and telephone number of the petitioner, or other person authorized to receive service of notices.

B. Whether the petitioner is an individual, co-partner, corporation or other entity, the names and addresses of the partners if a co-partnership, names and addresses of the officers, if a corporation, and the names and addresses of the persons in control, if other entity.

C. The type of business or activity involved in the application and the street address at which it is conducted.

D. A brief description of the article, machine, equipment or other contrivance, if any involved in the application.

E. The section or rule under which the petition is filed:

1. To determine whether a permit shall be revoked, or a suspended permit reinstated under Section 24274, Health and Safety Code.

2. For a variance under Section 24292, Health and Safety Code;

3. To revoke or modify a variance under Section 24298, Health and Safety Code;

4. To review the denial or conditional granting of an authority to construct or permit to operate under Rule 501 of these Rules and Regulations;

5. Date by which final compliance is to achieved.

F. Each petition shall be signed by the petitioner, or by some person on his behalf, and where the person signing is not the petitioner, it shall set forth his authority to sign.

G. Petitions for revocation of permits shall allege, in addition, the rule under which permit was granted, the rule or section which is alleged to have been violated, together with a brief statement of the facts constituting such alleged violations.

H. Petitions for reinstatement of suspended permits shall allege, in addition, the rule under which the permit was granted, the request and alleged refusal which formed the basis for such suspension, together with a brief statement as to why information requested, if any, was not furnished, whether such information is believed by petitioner to be pertinent, and, if so, when it will be furnished.

I. All petitions shall be typewritten, double spaced, on legal or letter size paper, on one side of the paper only, leaving a margin of at least one inch at the top and left side of each sheet.

(5.0) RULE 704 Petitions for Variances.

The Petition for Hearing form, as provided, shall be filled out completely.

(2.0) RULE 705 Appeal for Denial.

A petition to review the denial or conditional approval of a permit shall, in addition to the information required by Rule 703, set forth a summary of the permit application or a copy thereof and the alleged reasons for the denial or conditional approval and reasons for appeal.

(2.0) RULE 706 Failure to Comply With Rules.

The Clerk of the Hearing Board shall not accept for filing any petition which does not comply with these rules relating to form, filing and service of petitions unless the chairman of the Hearing Board directs otherwise and confirms such direction in writing. Such direction need not be made at a meeting of the Hearing Board.

(2.0) RULE 707 Answers.

Any person may file an answer within ten (10) days after service. All answers shall be served in the same manner as are petitions under the provisions of Rule 702.

(2.0) RULE 708 Dismissal of Petition.

The petitioner may dismiss his petition at any time before submission of the case to the hearing board, without a hearing or meeting of the hearing board. The clerk of the hearing board shall notify all interested persons of such dismissal.

(16.0) RULE 709 Place of Hearing.

All hearings shall be held at a place designated by the hearing board.

(16.0) RULE 710 Notice of Hearing.

The clerk of the hearing board, not less than 30 days prior to such hearing, shall mail or deliver a notice of hearing to the petitioner, the Air Pollution Control Officer, the holder of the permit or variance involved, the "Federal Environmental Protection Agency," the A.R.B., each air pollution control district in the Air Basin, and to every person who requests such notice. In addition, said notice shall be published in a newspaper of general circulation within the district. The notice shall state the time and place of the hearing and the proposed compliance schedule or permit information and shall state that such information is available for public inspection at specified places and times. In the event of an extreme emergency that will or may threaten the health and welfare decreed by the Hearing Board, or a petition filed pursuant to RULE 703 E., 1., or 4., the above thirty (30) day period may be reduced to ten (10) days.

(2.0) RULE 711 Evidence.

A. Oral evidence shall be taken only on oath or affirmation.

B. Each party shall have these rights:

1. To call and examine witnesses;

2. To introduce exhibits;

3. To cross-examine opposing witnesses on any matter relevant to the issues, even though that matter was not covered in the direct examination;

4. To impeach any witness regardless of which party first called him to testify;

5. To rebut the evidence against him.

C. If respondent does not testify in his own behalf, he may be called and examined as if under cross-examination.

D. The hearing need not be conducted according to technical rules relating to evidence and witnesses. Any relevant evidence shall be admitted if it is the sort of evidence on which responsible persons are accustomed to rely in the conduct of serious affairs, regardless of the existence of any common law or statutory rule which might make improper the admission of such evidence over objection in civil actions. Hearsay evidence may be used for the purpose of supplementing or explaining any direct evidence but shall not be sufficient in itself to support a finding unless it would be admissible over objection in civil actions. The rules of privilege shall be effective to the same that they are now or hereafter may be recognized in civil actions, and irrelevant and unduly repetitious evidence shall be excluded.

E. All evidence, oral or written, and all exhibits, shall be recorded at the time of the hearing and all records shall be maintained for a period of time as specified by law or as determined by the Air Pollution Control Board.

(2.0) RULE 712 Preliminary Matters.

Preliminary matters such as setting a date for hearing, granting continuances, approving petitions for filing, allowing amendments and other preliminary rulings not determinative of the merits of the case may be made by the chairman of the hearing board without a hearing or meeting of the hearing board and without notice.

(2.0) RULE 713 Official Notice.

The hearing board may take official notice of any matter which may be judicially noticed by the courts of this State.

(2.0) RULE 714 Continuances.

The chairman of the hearing board shall grant any continuance of 15 days or less, concurred in by petitioner, the air pollution control officer and by every person who has filed an answer in the action and may grant any reasonable continuance; in either case such action may be exparte without a meeting of the hearing board and without prior notice.

(2.0) RULE 715 Decision.

The decision shall be in writing, served and filed within 15 days after submission of the cause by the parties thereto and shall contain a brief

statement of facts found to be true, the determination of the issue presented and the order of the hearing board. A copy shall be mailed or delivered to the Air Pollution Control Officer, the petitioner and to every person who has filed an answer or who has appeared as a party in person or by counsel at the hearing.

(2.0) RULE 716 Effective Date of Decision.

The decision shall become effective 15 days after delivering or mailing a copy of the decision, as provided in Rule 715 or the hearing board may order that the decision shall become effective sooner.

(3.0) RULE 717 Lack of Permit.

The hearing board shall not receive or accept a petition for a variance for the operation or use of any equipment until a permit has been granted or denied by the Air Pollution Control Officer; except that an appeal from a denial of a permit and a petition for a variance may be filed with the hearing board in a single petition. A variance granted by the hearing board after a denial of a permit by the Air Pollution Control Officer may include a permit for the duration of the variance.

## REGULATION II - PERMITS

(3.0) RULE 201 Permits Required

a. Authority to Construct

Any person building, altering, or replacing any equipment, the use of which may cause the issuance of air contaminants or the use of which may eliminate or reduce or control the issuance of air contaminants, shall first obtain authorization for such construction from the Air Pollution Control Officer. An authority to construct shall remain in effect until the permit to operate the equipment for which the application was filed is granted or denied.

b. Permit to Operate

Before any equipment described in Rule 201 (a) may be operated, a written permit shall be obtained from the Air Pollution Control Officer. No permit to operate shall be granted either by the Air Pollution Control Officer or the Hearing Board for any equipment described in Rule 201 (a), constructed or installed without authorization as required by Rule 201 (a), until the information required is presented to the Air Pollution Control Officer and such equipment is altered, if necessary, and made to conform to the standards set forth in Rule 208 (Standards for Granting Application) and elsewhere in these rules and regulations.

c. Posting of Permit to Operate

A person who has been granted under Rule 201 (b) a permit to operate any equipment described in Rule 201 (b), shall firmly affix such permit to operate, an approved facsimile, or other approved identification bearing the permit number upon the article, machine, equipment, or other contrivance in such a manner as to be clearly visible and accessible. In the event that the equipment is so constructed or operated that the permit to operate cannot be so placed, the permit to operate shall be mounted so as to be clearly visible in an accessible place within 25 feet of the equipment or maintained readily available at all times on the operating premises.

d. Altering of Permit

A person shall not willfully deface, alter, forge, counterfeit, or falsify a permit to operate any equipment.

e. Permit to Sell or Rent

Before any of the herebefore described equipment is sold, leased, or rented, such that it is operated by anyone other than the holder of the permit, the owner or operator is required to obtain a permit to sell or rent.

(2.0) RULE 202 Exemptions

Any authority to construct or permit to operate shall not be required for:

a. Vehicles as defined by the Vehicle Code of the State of California but not including any article, machine, equipment or other contrivance mounted on such vehicle that would otherwise require a permit under the provisions of these rules and regulations.

b. Vehicles used to transport passengers or freight.

c. Equipment utilized exclusively in connection with any structure, which structure is designed for and used exclusively as a dwelling for not more than four families.

d. The following equipment:

1. Comfort air conditioning or comfort ventilating systems, which are not designed to remove air contaminants generated by or released from specific units or equipment.

2. Refrigeration units except those used as, or in conjunction with, air pollution control equipment.

3. Piston type internal combustion engines.

4. Water cooling towers and water cooling ponds not used for evaporative cooling of water from barometric jets or from barometric condensers.

5. Equipment used exclusively for steam cleaning.

6. Presses used exclusively for extruding metals, minerals, plastics or wood.

7. Equipment used exclusively for space heating, other than boilers.

8. Equipment used for hydraulic or hydrostatic testing.

9. Equipment used in eating establishments for the purpose of preparing food for human consumption.

10. Equipment used exclusively to compress or hold dry natural gas.

e. The following equipment or any exhaust system or collector serving exclusively such equipment:

1. Laboratory equipment used exclusively for chemical or physical analyses and bench scale laboratory equipment.

2. Brazing, soldering or welding equipment.

f. Steam generators, steam superheaters, water boilers, water heaters and closed heat transfer systems that have a maximum heat input rate of less than 250,000,000 British Thermal Units (BTU) per hour (gross), and are fired exclusively with one of the following:

1. Natural gas

2. Liquefied petroleum gas

3. A combination of natural gas and liquefied petroleum gas

g. Natural draft hoods, natural draft stacks or natural draft ventilators.

h. Self-propelled mobile construction equipment other than pavement burners.

i. Other sources of minor significance which may be specified by the Air Pollution Control Officer.

j. Agricultural implements used in agricultural operations.

k. Vacuum cleaning systems used exclusively for industrial, commercial, or residential housekeeping purposes.

l. Repairs or maintenance not involving structural changes to any equipment for which a permit has been granted.

m. Identical replacements in whole or in part of any equipment where a permit to operate has previously been granted for such equipment.

(3.0) RULE 203 Transfer

A permit shall not be transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another.

(3.0) RULE 204 Applications

Every application for a permit required under Rule 201 shall be filed in the manner and form prescribed by the Air Pollution Control Officer, and shall give all the information necessary to enable the Air Pollution Control Officer to make the determination required by Rule 208 thereof.

(3.0) RULE 205 Cancellation of Construction Permit

A permit shall be cancelled two years from the date of filing of the application.

(3.0) RULE 206 Action on Applications

The Air Pollution Control Officer shall act, within a reasonable time, on a permit application and shall notify the applicant in writing of his approval, conditional approval or denial.

(3.0) (9.0) RULE 207 Provision of Sampling and Testing Facilities.

A person operating or using any equipment for which these rules require a permit shall provide and maintain such sampling and testing facilities as specified in the permit.

(3.0) RULE 208 Standards for Granting Applications

a. The Air Pollution Control Officer shall deny a permit except as provided in Rule 209, if the applicant does not show that the use of any equipment, which may cause the issuance of air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants, is so designed, controlled, or equipped with such air pollution control equipment, that it may be expected to operate without emitting or without causing to be emitted air contaminants in violations of Section 24242 or 24243, of the Health and Safety Code, or of these rules and regulations.

b. Before a permit is granted, the Air Pollution Control Officer may require the applicant to provide and maintain such facilities as are necessary for sampling and testing purposes in order to secure information that will disclose the nature, extent, quantity or degree of air contaminants discharged into the atmosphere from the equipment described in the permit. In the event of such a requirement, the Air Pollution Control Officer shall notify the applicant in writing of the required size, number and location of sampling holes; the size and location of the sampling platform; the access to the sampling platform; and the utilities for operating the sampling and testing equipment. The platform and access shall be constructed in accordance with the general industry safety orders of the State of California.

c. In acting upon a permit to operate, if the Air Pollution Control Officer finds that the equipment has been constructed not in accordance with the authority to construct, he shall deny the permit to operate. The Air Pollution Control Officer shall not accept any further application for permit to operate the equipment so constructed until he finds that the equipment has been constructed in accordance with the permit to construct.

(3.0) RULE 209 Conditional Approval

The Air Pollution Control Officer may issue a permit subject to conditions which will bring the operation of any equipment within the standards of Rule 208, in which case the conditions shall be specified in writing. Commencing work under a permit to construct, operation under a permit to operate, renting or selling under a permit to rent or sell, shall be deemed acceptance of all the conditions so specified. The Air Pollution Control Officer shall issue a permit with revised conditions upon receipt of a new application, if the applicant demonstrates that the equipment can operate within the standards of Rule 208 under the revised conditions.

(3.0) RULE 210 Denial of Applications

In the event of denial of a permit, the Air Pollution Control Officer shall notify the applicant in writing of the reasons therefore. Services of this notification may be made in person or by mail, and such service may be proved by the written acknowledgement of the persons served or affidavit of the person making the service. The Air Pollution Control Officer shall not accept a further application unless the applicant has complied with the objections specified by the Air Pollution Control Officer as his reasons for denial of the permit.

(3.0) RULE 211 Further Information

Before acting on an application for a permit the Air Pollution Control Officer may require the applicant to furnish information or further plans or specifications.

(3.0) RULE 212 Application Deemed Denied

The applicant may at his option deem the permit denied if the Air Pollution Control Officer fails to act on the application with 30 days after filing, or within 30 days after applicant furnishes the further information, plans and specifications requested by the Air Pollution Control Officer, whichever is later.

(3.0) RULE 213 Appeals
(16.0)

Within 10 days after notice, by the Air Pollution Control Officer of denial of a permit, the applicant may petition the Hearing Board, in writing, for a public hearing. The Hearing Board, after notice and a public hearing held within 30 days after filing the petition, may sustain or reverse the action of the Air Pollution Control Officer; such orders may be made subject to specified conditions.

(50.0) RULE 407 Specific Contaminants

A person shall not discharge into the atmosphere from any single source of emission whatsoever, any one or more of the contaminants, in any state or combination thereof, exceeding in concentration at the point of discharge:

b. Combustion Contaminants

0.1 grain per cubic feet of gas calculated to 12 percent of carbon dioxide ($CO_2$) at standard conditions. In measuring the combustion contaminants from incinerators used to dispose of combustible refuse by burning, the carbon dioxide ($CO_2$) produced by combustion of any liquid or gaseous fuels shall be excluded from the calculation to 12 percent of carbon dioxide ($CO_2$).

(51.5) RULE 408 Fuel Burning Equipment
(51.6)
(51.7) A person shall not build, erect, install or expand any nonmobile fuel burning equipment unit unless the discharge into the atmosphere of contaminants will not and does not exceed any one or more of the following rates:

a. 200 pounds per hour of sulfur compounds, calculated as sulfur dioxide ($SO_2$);

b. 140 pounds per hour of nitrogen oxides, calculated as nitrogen dioxide ($NO_2$);

c. 10 pounds per hour of combustion contaminants as defined in Rule 102 (h) and derived from the fuel.

For the purpose of this Rule, "Fuel Burning Equipment" means any furnace, boiler, apparatus, stack, and all appurtenances thereto, used in the process of burning fuel for the primary purpose of producing heat or power by indirect heat transfer. A fuel burning unit shall be comprised of the minimum number of fuel burning equipment, the simultaneous operations of which are required for the production of useful heat or power.

Fuel burning equipment serving primarily as air pollution control equipment by using a combustion process to destroy air contaminants shall be exempt from the provisions of this Rule.

Nothing in this Rule shall be construed as preventing the maintenance or preventing the alteration or modification of an existing fuel burning equipment unit which will reduce its mass rate of air contaminant emissions.

(51.16) RULE 412 Organic Liquid Loading

A person shall not load organic liquids having a vapor pressure of 1.5 pounds per square inch absolute or greater under actual loading conditions into any tank truck, trailer, or railroad tank car from any loading facility unless the loading facility is equipped with a vapor collection and disposal system or its equivalent approved by the Air Pollution Control Officer.

Loading shall be accomplished in such a manner that all displaced vapor and air will be vented only to the vapor collection system. Measures shall be taken to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.

The vapor disposal portion of the vapor collection and disposal system shall consist of one of the following:

a. An absorber system or condensation system which processes all vapors and recovers at least 90 percent by weight of the organic vapors and gases from the equipment being controlled.

b. A vapor handling system which directs all vapors to a fuel gas system.

c. Other equipment of an efficiency equal to or greater than (a) or (b) if approved by the Air Pollution Control Officer.

This Rule shall apply only to the loading of organic liquids having a vapor pressure of 1.5 pounds per square inch absolute or greater under actual loading conditions at a facility from which at least 20,000 gallons of such organic liquids are loaded in any one day.

"Loading Facility", for the purpose of this Rule, shall mean any aggregation or combination of organic liquid loading equipment which is both (1) possessed by one person, and (2) located so that all the organic liquid loading outlets for such aggregation or combination of loading equipment can be encompassed within any circle of 300 feet in diameter.

(51.16) RULE 413 Effluent Oil Water Separators

A person shall not use any compartment of any vessel or device operated for the recovery of oil from effluent water which recovers 200 gallons a day or more of any petroleum products from any equipment which processes, refines, stores, or handles hydrocarbons with a Reid vapor pressure of 0.5 pounds or greater, unless such compartment is equipped with one of the following vapor loss control devices, except when gauging or or sampling is taking place:

a. A solid cover with all openings sealed and totally enclosing the liquid contents of that compartment.

b. A floating pontoon or double-deck type cover, equipped with closure seals, to enclose any space between the cover's edge and compartment wall.

c. A vapor recovery system which reduces the emission of all hydrocarbon vapors and gases into the atmosphere by at least 90 percent by weight.

d. Other equipment of an efficiency equal to or greater than (a), (b), or (c), if approved by the Air Pollution Control Officer.

This Rule shall not apply to any oil-effluent water separator used exclusively in conjunction with the production of crude oil, if the water fraction of the oil-water effluent entering the separator contains less than 5 parts per million hydrogen sulfide, organic sulfides, or a combination thereof.